

PATENT ABSTRACTS OF JAPAN

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(21)Application number : **58-007760** (71)Applicant : **KATAYAMA CHEM WORKS CO LTD**

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(54) ANTICORROSION FOR METAL

(57)Abstract:

PURPOSE: To obtain an anticorrosive for metal showing a significant corrosion preventing effect when added to water and used, by combining an aliphatic dicarboxylic acid or an alkali salt thereof with an aromatic carboxylic acid having a nitro group or an alkali salt thereof.

CONSTITUTION: This anticorrosive for metal contains an aliphatic dicarboxylic acid or an alkali salt thereof represented by formula I (where n is 2, 3 or 4) and an aromatic carboxylic acid or an alkali salt thereof represented by formula II (where R1 is H or carboxyl, one between R2 and R3 is nitro, and the other is H) as effective components. To the anticorrosive may be added an oxycarboxylic acid or an alkali salt thereof optionally in combination with a (co)polymer of acrylic acid, methacrylic acid or maleic acid with about 500W20,000 mol.wt. or an alkali salt thereof. The weight ratio between

said aliphatic dicarboxylic acid and said aromatic carboxylic acid is 1:(0.1W10), preferably 1:(0.2W4).

